

Revision date: 30-Aug-2018

Supersedes: 01-Sep-2017

SDS Number: 10866

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product name: M-P-A® 60 MS

### Other means of identification

### Recommended use of the chemical and restrictions on use

Product Use Description: Rheological additive

### Details of the supplier of the safety data sheet

#### Company/Undertaking Identification

Elementis  
469 Old Trenton Road  
East Windsor, NJ 08512  
USA  
Tel: +1 609 443 2500  
Fax: +1 609 443 2422

Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Str. 370  
50933 Cologne, Germany  
Tel. +49 (0) 221 2923 2000

#### Emergency Telephone Number

For Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at: 1-800-424-9300 or 1-703-527-3887

For ALL other inquiries about this product, call Elementis at: 1-609-443-2000 (USA) or +49 (0) 221 2923 2000 (EU)

Product\_Stewardship@elementis.com

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This product is considered hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable solids	Category 1

### Label Elements

#### EMERGENCY OVERVIEW

#### Danger

#### Hazard Statements

Causes damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Flammable solids

**Appearance:** Solid**Physical state:** Solid**Odor:** Aromatic, Solvent-like**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Ground/Bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/./? /equipment  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components, or components with exposure limits (see section 8)

Components	CAS-No	Weight %
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	50 - 100 %

### 4. FIRST AID MEASURES

**FIRST AID MEASURES****General Advice**

Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance.

**Inhalation:**

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen.

**Skin contact:**

Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

**Eye contact:**

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists, consult a specialist.

**Ingestion**

If swallowed, seek medical advice immediately and show this SDS or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Protection of first-aiders:** Avoid contact with skin and eyes.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Difficulty in breathing.

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Dry sand  
Alcohol-resistant foam  
Use water spray or fog; do not use straight streams

**Extinguishing media which must not be used for safety reasons**

Do not use a solid water stream as it may scatter and spread fire

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

None in particular

**Unusual Fire and Explosion Hazards:**

May emit toxic fumes under fire conditions

**Hazardous combustion products**

Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)

**Explosion data**

**Explosive properties:**

Powdered material may form explosive dust-air mixtures

**Reactivity Hazard:**

None known

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Keep people away from and upwind of spill/leak. Use personal protective equipment.

**Other Information:** See Section 12 for more information.

**Environmental precautions**

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods and material for containment and cleaning up**

**Clean-up methods:** Take precautionary measures against static discharges. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be

contained.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling:** Take precautionary measures against static discharges. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep product and empty container away from heat and sources of ignition.

**Additional Storage:** Keep away from sources of ignition - No smoking

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Components	OSHA STEL	OSHA PEL	OSHA TWA	OEL - Long-term TWA
Solvent naphtha (petroleum), medium aliphatic		2900 mg/m <sup>3</sup> 500 ppm	525 mg/m <sup>3</sup> 100 ppm	

### Appropriate engineering controls

**Engineering Measures** Maintain adequate engineering controls and/or ventilation to keep hazardous ingredients below their statutory limits. Use an approved respirator whenever exposure limits are exceeded

### Individual protection measures, such as personal protective equipment

**Eye protection** Tightly fitting safety goggles.

**Skin and body protection** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place

**Respiratory protection:** In the case of respirable dust and/or fumes, use self-contained breathing apparatus.

**Hand protection** Protective gloves  
Nitrile rubber

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state:** Solid  
**Appearance:** Solid  
**Odor:** Aromatic, Solvent-like  
**Color:** Translucent White

**Odor Threshold** No data available

<u>Property</u>	<u>Values</u>	<u>Remarks / • Method</u>
pH	No data available	
Melting point/range:	No data available	
Freezing point:	No data available	
Boiling Point/Range	No data available	
Flash Point	47 °C / 116 °F	Seta Flash / ASTM D3278
Evaporation rate	No data available	
Explosion limits:	LEL: 0.9 Vol% UEL: 6.0 Vol%	
Vapor pressure	No data available	
Vapor density	No data available	
Density:	0.815 g/cm <sup>3</sup>	
Water solubility	insoluble	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	No data available	
Autoignition temperature	Not self-igniting	
Decomposition temperature	No data available	
Viscosity:	No data available	
Explosive properties:	Powdered material may form explosive dust-air mixtures	
Oxidizing Properties	No information available	

#### Other Information

**Bulk Density** No data available

### 10. STABILITY AND REACTIVITY

#### Reactivity

No dangerous reaction known under conditions of normal use

#### Chemical Stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None known

#### Conditions to Avoid

Heat, flames and sparks

#### Incompatible Materials:

Oxidizing agent

#### Hazardous Decomposition Products

None reasonably foreseeable

### 11. TOXICOLOGICAL INFORMATION

**Product Information** No data is available on the product itself

#### Information on likely routes of exposure

Inhalation:	No data available
Eye contact:	No data available
Skin contact:	No data available
Ingestion	No data available

**Component Information**

Components	LD50/Oral	LD50/Dermal	LC50/inhalation
Solvent naphtha (petroleum), medium aliphatic 64742-88-7	>5000 mg/kg	>2000 mg/kg	>5.5 mg/L

**Information on Toxicological Effects****Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Corrosivity** No data available

**Sensitization** No data available

**Mutagenic effects** No data available

**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen

Components	ACGIH	IARC	NTP	OSHA
Solvent naphtha (petroleum), medium aliphatic 64742-88-7		Group 3- Unclassifiable as to carcinogenicity to humans (stoddard solvents)	Group 3 (stoddard solvents)	

**Reproductive Toxicity:** No data available

**Developmental Toxicity** No data available

**Chronic Toxicity**

**Chronic toxicity:** No data is available on the product itself

**Target Organ Effects:** Respiratory system, Central nervous system.

**Other Adverse Effects:** No data available

**12. ECOLOGICAL INFORMATION****Product Information**

There is no data available for this product

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Components	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic 64742-88-7	450 mg/L: EC50 96 h Pseudokirchneriella subcapitata	800 mg/L: LC50 96 h Pimephales promelas static	EC50: 100 mg/L (48 h)

Components	LC50	EC50	Bioaccumulation Concentration Factor	No Observable Effect Concentration (NOEC)
Solvent naphtha (petroleum), medium aliphatic	800 mg/L (Pimephales promelas; 96 h static)	100 mg/L (Daphnia magna 48 h) 450 mg/L (Pseudokirchneriella subcapitata; 96 h)		

**Persistence and degradability:**

No data available

**Bioaccumulative potential:**

No data available

**Mobility**

No information available

**General Note:**

Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Waste from residues /unused products** Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**RCRA Hazardous Waste:**

**RCRA:** Characteristic Waste - D001 (ignitable)

**14. TRANSPORT INFORMATION****U.S. Department of Transportation Ground (49 CFR):**

**UN-No:** 1325  
**Proper shipping name:** `FLAMMABLE SOLID, ORGANIC, N.O.S. (PETROLEUM DISTILLATES)`  
**Hazard Class:** 4.1  
**Hazard Labels:** 4.1  
**Packaging group:** II  
**Marine pollutant:** NO

**International Air Transport Association (IATA)**

**UN-No:** 1325  
**Proper shipping name:** `FLAMMABLE SOLID, ORGANIC, N.O.S. (PETROLEUM DISTILLATES)`  
**Hazard Class:** 4.1  
**Hazard Labels:** 4.1  
**Packing group:** II

**International Maritime Dangerous Goods (IMDG)**

**UN-No** 1325  
**Proper Shipping Name** `FLAMMABLE SOLID, ORGANIC, N.O.S. (PETROLEUM DISTILLATES)`  
**Hazard Class** 4.1  
**Hazard Labels:** 4.1  
**Packing Group** II  
**EmS:** F-A, S-G  
**IMDG - Marine Pollutants :** No

**Surface Shipments in Europe (ADR/RID):**

**ADR/RID:** 4.1 Flammable solids  
**UN-No:** 1325  
**Proper shipping name:** `FLAMMABLE SOLID, ORGANIC, N.O.S. (PETROLEUM DISTILLATES)`  
**Hazard Class:** 4.1  
**Packing group:** II  
**Hazard Labels:** 4.1  
**Environmental hazard mark:** NO

## 15. REGULATORY INFORMATION

### International Inventories

USA (TSCA):	Complies
EU (EINECS):	Complies
EU REACH:	Complies
CANADA (DSL)	Complies
CANADA (NDSL):	Not applicable
JAPAN (ENCS):	Complies
PHILIPPINES (PICCS):	Complies
KOREA (KECL):	Complies
China (IECSC)	Complies
AUSTRALIA (AICS):	Complies
NEW ZEALAND (NZIoC):	Complies
TAIWAN (NECI):	Complies

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**ENCS** - Japan Existing and New Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**NECI** - Taiwan National Existing Chemical Inventory

### EU-Regulations

For purchases from Elementis EU legal entities, all ingredients are currently registered or exempt under REACH. For purchases from non-EU Elementis legal entities with the intention to export into the EU, please contact your Elementis representative/local office.

### Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Fire Hazard  
Acute Health Hazard

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### TSCA Section 12(b) Export Notification

This product does not contain chemicals that are required to be notified under the TSCA 12(b) Export Notification.

### State Regulations (RTK)

#### California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects

## 16. OTHER INFORMATION



**HMIS:**

<b>Health:</b>	1 *
<b>Flammability:</b>	2
<b>Physical Hazard:</b>	0

**Previous Revision Date:** 01-Sep-2017

**Key/Legend:**

N/A: Not applicable  
N/D: Not determined  
ppm: Parts per million  
X: Listed

**Prepared by**

Product Stewardship

The information provided in this Safety Data Sheet is correct to the best of ELEMENTIS' knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for such product when used in combination with any other material or in any process, unless specified in this SDS. ELEMENTIS specifically disclaims any liability for any loss, injury or damage which may result from use or misuse of this product. All chemicals should be handled only by competent personnel, within a controlled environment. It is the buyer's/user's responsibility to ensure that his activities comply with all applicable federal, state, provincial and local laws, and to determine the conditions necessary for the safe use of this product. ELEMENTIS urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product.

**End of Safety Data Sheet**